

CLAIMS

1. An apparatus for handling a minute object by using an optical tweezers, comprising:

a light source;

5 a first base to form a hologram with light emitted from the light source; and

a second base that holds a liquid including a minute object,

wherein the hologram formed in the liquid on the second base is used as an optical tweezers to handle the minute object in the liquid.

2. The apparatus according to claim 1 further comprising means for optically enlarging or reducing the optical tweezers to capture the minute object.

15 3. The apparatus according to claim 1, wherein a plurality of optical tweezers are formed.

4. The apparatus according to claim 1, wherein a base for forming the optical tweezers is exchangeable.

20 5. A method for handling a minute object by using an optical tweezers comprising the steps of:
forming a hologram with light emitted from a light source;

forming an optical tweezers of the hologram
25 formed in a liquid including a minute object; and
handling the minute object by using the optical tweezers.